

October 5, 1951.

Dr. B. W. Catlin,  
Dept. Medical Microbiology,  
Marquette University,  
Milwaukee, Wisconsin.

Dear Catlin:

This is a postscript to my letter of a couple of days ago.

A) Strain 119a, which I had thought to be a mixture of Lac<sup>+</sup> and Lac<sup>-</sup> is actually a very remarkable unstable Lac<sup>+</sup> which continually throws Lac<sup>-</sup>, as can readily seen by platings on EMB lactose. The Lac<sup>-</sup> types are rather stable, but one stable Lac<sup>+</sup> reversion has been seen.

B) May I add 129d as a third promising (interfertile) culture, on which I would appreciate any further information or reisolates from the same individual, as may be available?

C) The Mal<sup>-</sup> isolates are 108a, 113a, 118a, 119a, 121e, 127a, <sup>115b</sup>~~122a~~, ~~123a~~, 143a(mix?), 157a, (~~129~~out of a total of 78). This sample shows much the highest proportion of Mal<sup>-</sup> of any we have looked at. Is there any obvious common element among these cultures?

Sincerely,

Joshua Lederberg.